



# Product Evaluation

RC544 | 0717

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** RC-544

**Effective Date:** July 1, 2017

**Re-evaluation Date:** July 2021

**Product Name:** Tremco Modified Bitumen Roofing Systems

**Manufacturer:** Tremco, Inc.  
3735 Green Road  
Beachwood, OH 44122  
216-929-5000

## General Description:

- **THERMglass Type IV** is a Type IV asphalt impregnated glass felt.
- **THERMglass Premium VI** is a Type VI asphalt impregnated glass felt.
- **BURmastic Glass Ply** is an asphalt coated, fiberglass reinforced base/ply sheet.
- **BURmastic Glass Ply 28 lb** is an asphalt coated, fiberglass reinforced base/ply sheet.
- **BURmastic Composite Ply HT** is a polyester/glass, scrim/glass mat trilaminate reinforcement coated with SBS modified waterproofing asphalt roof cover sheet.
- **BURmastic Composite Ply Premium** is a polyester/glass/polyester trilaminate reinforcement coated with waterproofing asphalt roof cover sheet.
- **BURmastic Composite Ply Supreme** is a polyester/glass/polyester trilaminate reinforcement coated with waterproofing asphalt roof cover sheet.
- **BURmastic Composite Ply HT Green** is a polyester/glass, scrim/glass mat trilaminate reinforcement coated with waterproofing asphalt roof cover sheet.
- **BURmastic Composite Ply Premium Green** is a polyester/glass/polyester trilaminate reinforcement coated with waterproofing asphalt roof cover sheet.
- **POWERply Premium Smooth** is a smooth surfaced composite reinforced SBS modified bitumen membrane.
- **POWERply Supreme Smooth** is a fire resistant, smooth surfaced composite reinforced SBS modified bitumen membrane.

- **POWERply 300 Smooth** is a fire resistant, smooth surfaced reinforced SBS modified bitumen membrane.
- **POWERply Standard Smooth** is a fire resistant, smooth surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Heavy Duty Base Sheet** is a smooth surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Plus HT Smooth** is a fire resistant, smooth surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply HE Smooth** is a smooth surfaced polyester reinforced SBS modified bitumen membrane.
- **POWERply 300 FR** is a fire resistant, granule surfaced reinforced SBS modified bitumen membrane.
- **POWERply Premium FR** is a fire resistant, granule surfaced composite reinforced SBS modified bitumen membrane.
- **POWERply Supreme FR** is a fire resistant, granule surfaced composite reinforced SBS modified bitumen membrane.
- **POWERply Standard** is a fire resistant, granule surfaced reinforced SBS modified bitumen membrane.
- **POWERply Standard FR** is a fire resistant, granule surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Standard FR HW** is a fire resistant, granule surfaced heat weldable fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Standard FR T24** is a fire resistant, granule surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Standard FR GT24W** is a fire resistant, granule surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Standard FR GT24 HW** is a fire resistant, granule surfaced heat weldable fiberglass reinforced SBS modified bitumen membrane.
- **POWERply Plus HT FR** is a fire resistant, granule surfaced fiberglass reinforced SBS modified bitumen membrane.
- **POWERply HE FR Plus** is a fire resistant, granule surfaced non-woven polyester reinforced SBS modified bitumen membrane.
- **POWERply APP Base Sheet** is a fiberglass reinforced APP modified bitumen base sheet.
- **POWERply APP Smooth** is fire resistant, smooth surfaced non-woven polyester reinforced APP modified bitumen membrane.
- **POWERply APP FR** is a fire resistant, granule surfaced non-woven polyester reinforced APP modified bitumen membrane.

#### **Limitations and Installation:**

##### **General installation Requirements:**

All IRC and the IBC requirements must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

**For All applications:** Roof decks, in which this product is to be installed upon, must be provided with positive drainage. A minimum roof slope after construction of ¼" per foot is recommended.

Prime decks were required, in accordance with requirements and recommendations of the primer and deck manufacturer (if applicable). For re-roofing and re-cover applications, prime existing roof surfaces as necessary with an asphalt primer meeting ASTM D 41 specification and allow to dry prior to installing the Tremco roofing system.

**Installation over an Existing Roof Covering (Roof Recover):**

**Inspection of Roof Covering Recover Installation:** Inspection of the roof covering recover installation must be by a Texas Department of Insurance appointed engineer. The Texas Department of Insurance appointed engineer must determine if the roof framing can support the combined weight of the existing roof covering and the roof covering recover.

**Roof Covering Replacement versus Roof Covering Recover:** All existing roof coverings must be completely removed and a new roof covering installed if any of the following conditions occur:

- The existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for the additional roof covering.
- The existing roof has two or more applications of any type of roof covering.

**Positive Drainage:** The maximum allowable spacing of the roof framing must be as specified in the evaluation report.

**Roof Deck:** The existing roof deck must be as specified in each assembly listed in this evaluation report. The underside of the roof deck must be examined by the Texas Department of Insurance appointed engineer for corrosion or deterioration. If corrosion exists, then it must be treated with a rust inhibitor. A fastener withdrawal resistance test must be conducted in the corroded or deteriorated area to determine if the withdrawal resistance of the fastener complies with the minimum fastener requirements for the roof covering recover application. If the tested fastener fails to comply, then the deteriorated roof deck must be replaced.

**Fastener Withdrawal Resistance:** The fastener withdrawal resistance must be conducted in accordance with ANSI/SPRI FX-1-2006 and this evaluation report.

Fasteners used for the installation of the roof covering recover to the existing roof deck must be as specified in the Installation Instructions section of this evaluation report. For the withdrawal test, the fasteners must be installed in the existing roof deck as required for the roof covering recover installation. A Texas Department of Insurance appointed engineer must review the data to verify the integrity of the existing roof deck and to compare results of the withdrawal tests with the minimum fastener requirements for the roof covering recover application.

The Texas Department of Insurance appointed engineer must document all test results, including the locations on the roof surface where the tests are performed. A minimum of ten withdrawal resistance tests are required for a roof area up to 50,000 square feet (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). Five additional tests are required for each additional 5,000 square feet of roof area or portion thereof (a minimum of 50 percent of the tests must be conducted at the perimeter and the corners). The tests must be located evenly spread across the surface of the roof. At least one withdrawal test must be performed on each roof level if the roof consists of multiple levels.

The withdrawal resistance of each tested fastener must comply with the minimum fastener requirements for the roof covering recover application. If a tested fastener fails to comply, then the Texas Department of Insurance appointed engineer must examine that area for deterioration of the roof deck by removing the existing roof covering in that area. If that area of the roof deck has deteriorated, then the deteriorated roof deck must be replaced.

**Existing Roof Covering Preparation:** The existing roof covering must be prepared to receive the roof covering recover as specified in the Tremco installation instructions.

The existing roof covering surface must be dry and free of dirt and debris. If the existing roof covering is gravel surfaced, then the loose gravel must be completely removed. The surface of the existing roof covering must be relatively smooth.

If the existing roof covering has blisters, buckles, ridges, folds, or other deformations, then they must be removed and the surface patched to provide a smooth surface. If the existing roof covering has loose fasteners, then the existing membrane must be cut open, the loose fasteners removed, and the surface patched to provide a smooth surface.

**Roof Covering Recover Installation:** Installation of the roof covering recover must be specified in the Installation Instructions section of this evaluation report.

1. The roof decking must meet or exceed the uplift requirements of the IRC and IBC along with applicable Texas Revisions adopted by TDI. Install as required for resistance to wind loads.
2. Roof framing members must be spaced a maximum of 24" o.c.
3. Unless otherwise noted, insulation adhesive application rates are as follows. Ribbon or bead width is at the time of application; the ribbons/beads must expand as noted in the manufacturer's published instructions.
  - Hot asphalt at full coverage 20-40 lbs/sq.
  - FAS-N-FREE in continuous 3/4" wide ribbons, 6" o.c.
  - Tremco Low Rise Foam Insulation Adhesive [LRFIA] in continuous 3/4" wide ribbons, 6" or 12" o.c. Note: Millennium One Step Foamable Adhesive, Tremco Low Rise Green Foam Insulation Adhesive or Millennium One Step Green Foamable Adhesive may be used wherever LRFIA is referenced.
  - Tremco Low Rise Foam Insulation Adhesive (BG) [LRFIA (BG)] in continuous 3/4" wide ribbons, 6" or 12" o.c. Note: Millennium PG-1 Pump Grade Adhesive may be used wherever LRFIA (BG) is referenced.
  - Tremco LR Adhesive [LRA] in continuous 3/4" wide ribbons, 6" or 12" o.c. Note: Millennium PG-1 Pump Grade Adhesive may be used wherever LRA is referenced.
  - Note: When multiple layers of insulation and/or coverboard are installed in ribbon-applied adhesive, boards must be staggered from layer-to-layer.
  - Note: The maximum edge distance from the adhesive ribbon to the edge of the insulation board must be not less than one-half the specified ribbons spacing.
4. Unless otherwise noted, all insulations are flat stock or taper board of the minimum thickness noted within this evaluation report.

**APPENDIX 1: ATTACHMENT REQUIREMENTS FOR WIND UPLIFT RESISTANCE**

<b>Table</b>	<b>Deck</b>	<b>Assembly No.</b>	<b>Application</b>	<b>Description</b>	<b>Page</b>
2A	Wood	W-1 through W-4	New, Reroof (Tear-Off) or Recover	Insulated, Mechanically Attached POWERFAST, Bonded Roof Cover	11-12
2B	Wood	W-5 through W-8	New, Reroof (Tear-Off) or Recover	Non-Insulated, Mechanically Attached POWERFAST, Bonded Roof Cover	13-14
3A	Steel or Concrete	SC-1 through SC-29	New, Reroof (Tear-Off) or Recover	Mechanically Attached Base Insulation, Bonded Top Insulation, Bonded Roof Cover	15-27
3B	Steel or Concrete	SC-30 through SC-41	New Reroof (Tear-off) or Recover	Mechanically Attached Insulation, Bonded Roof Cover	28-31
3C	Steel or Concrete	SC-42 through SC-43	New Reroof (Tear-off) or Recover	Insulated, Mechanically Attached Base Sheet, Bonded Roof Cover	32
3D	Steel	S-1 through S-11	New Reroof (Tear-off) or Recover	Insulated, Mechanically Attached POWERFAST, Bonded Roof Cover	32-36
4A	Concrete	C-1 through C-18	New or Reroof (Tear-off)	Bonded Insulation, Bonded Roof Cover	36-42
4B	Concrete	C-19 through C-21	New or Reroof (Tear-off)	Non-Insulated, Bonded Roof Cover	42-43
5A	LWC	LWC-1 through LWC-3	New or Reroof (Tear-off)	LWC to Deck, Bonded Roof Cover	43-44
5B	LWC	LWC-4 through LWC-7	New or Reroof (Tear-off)	Temporary Roof to Deck, LWC to Temporary Roof, Bonded Roof Cover	44-45
6A	Gypsum	G-1	Reroof (Tear-off)	Bonded Insulation, Bonded Roof Cover	45
6A	Gypsum	G-2 through G-10	New	Bonded Insulation, Bonded Roof Cover	46-48
6B	Gypsum	G-11 through G-20	Reroof (Tear-off)	Bonded Temporary Roof, Bonded Insulation, Bonded Roof Cover	49-52

5. Unless otherwise noted, fasteners and stress plates for insulation attachment must be as follows. Fasteners must be sufficient length for the following engagements:

**Wood Deck:** Tremco #1211 Fasteners or Tremco #1410 Fasteners with Tremco Disc 3 in. Steel Stress Plates or Tremco Disc Ribbed 3 in. Steel Stress Plates or OMG #12 Standard or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plates or 3 in. Ribbed Galvalume Plates, Trufast #12 DP or #14 HD Fasteners with Trufast 3" Metal Insulation Plates or Tremco #12 DP or #14 HD Fasteners with Tremco 3" Metal Insulation Plates. Minimum  $\frac{3}{4}$ " plywood penetration or minimum 1" wood plank embedment.

**Steel Deck:** Tremco #1211 Fasteners or Tremco #1410 Fasteners with Tremco Disc 3 in. Steel Stress Plates or Tremco Disc Ribbed 3 in. Steel Stress Plates or OMG #12 Standard or OMG #14 Heavy Duty with OMG 3 in. Galvalume Steel Plates or 3 in. Ribbed Galvalume Plates, Trufast #12 DP or #14 HD Fasteners with Trufast 3" Metal Insulation Plates or Tremco #12 DP or #14 HD Fasteners with Tremco 3" Metal Insulation Plates. Minimum  $\frac{3}{4}$ " steel penetration and engage the top flute of the steel deck.

**Structural Concrete:** Tremco #1410 Fasteners with Tremco Disc 3 in. Steel Stress Plates or Tremco Disc Ribbed 3 in. Steel Stress Plates or OMG #14 Heavy Duty or CD-10 with OMG 3 in. Galvalume Steel Plates or 3 in. Ribbed Galvalume Plates, Trufast #14 HD Fasteners with Trufast 3" Metal Insulation Plates or Tremco #14 HD Fasteners with Tremco 3" Metal Insulation Plates. Minimum 1.25" embedment. Fasteners installed with a pilot hole in accordance with the fastener manufacturer's published installation instructions.

6. Unless otherwise noted, refer to the following references for bonded base, ply or cap sheet applications.
7. Approved membrane combinations and applications, See Table 1 below:

TABLE 1: TREMCO ROOF COVERS			
Reference	Layer	Material	Application
BP-CA1	Base or Ply:	BURmastic Glass Ply, BURmastic Glass Ply 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	POWERply Standard Cold Adhesive or BURmastic Adhesive at full-coverage, 1.5-2.0 gal./sq.
	Cap:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-CA1	Base or Ply:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Plus HT Smooth, POWERply HE Smooth	
	Cap:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply 300 FR, POWERply Premium FR, POWERply Supreme FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR T24, POWERply Standard FR GT24W, POWERply Plus HT FR, POWERply HE FR Plus	
BP-CA2	Base or Ply:	BURmastic Glass Ply, BURmastic Glass Ply 28 lb, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at full-coverage, 2.0 gal./sq.
	Cap:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-CA2	Base or Ply:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Plus HT Smooth, POWERply HE Smooth	
	Cap:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply 300 FR, POWERply Premium FR, POWERply Supreme FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR T24, POWERply Standard FR GT24W, POWERply Plus HT FR, POWERply HE FR Plus	

TABLE 1 (CONTINUED): TREMCO ROOF COVERS			
Reference	Layer	Material	Application
BP-CA3	Base:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	POWERply 2K Adhesive at full coverage, 1 gal./sq.
SBS-CA3	Base:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Plus HT Smooth, POWERply HE Smooth	
BP-CA4	Base or Ply:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	Tremco LR Adhesive [LRA], ribbons spaced as specified in wind uplift tables below
BP-AA	Base or Ply:	BURmastic Glass Ply, BURmastic Glass Ply 28 lb, THERMglass Type IV, THERMglass Premium VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	Hot asphalt at 20-40 lbs/sq.
	Cap:	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	
SBS-AA	Base or Ply:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Plus HT Smooth, POWERply HE Smooth	
	Cap:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply 300 FR, POWERply Premium FR, POWERply Supreme FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR T24, POWERply Standard FR GT24W, POWERply Plus HT FR, POWERply HE FR Plus	
BP-SEBS	Base or Ply:	BURmastic Glass Ply, BURmastic Glass Ply 28 lb, THERMglass Type IV, THERMglass Premium VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	THERMastic 80 at 25-30 lbs./sq.



TABLE 1 (CONTINUED): TREMCO ROOF COVERS			
Reference	Reference	Reference	Reference
SBS-SEBS	Base or Ply:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply Standard Smooth, POWERply Heavy Duty Base, POWERply Plus HT Smooth, POWERply HE Smooth	THERMastic 80 at 25-30 lbs./sq.
	Cap:	POWERply Premium Smooth, POWERply Supreme Smooth, POWERply 300 Smooth, POWERply 300 FR, POWERply Premium FR, POWERply Supreme FR, POWERply Standard, POWERply Standard FR, POWERply Standard FR T24, POWERply Standard FR GT24W, POWERply Plus HT FR, POWERply HE FR Plus	
SBS-TA	Base or Ply:	POWERply Heavy Duty Base, POWERply HE Smooth	Torch-Applied
	Cap:	POWERply HE FR Plus, POWERply Standard FR HW, POWERply Standard FR GT24 HW	
APP-TA	Base or Ply:	POWERply APP Base Sheet, POWERply APP Smooth	Torch-Applied
	Cap:	POWERply APP Smooth, POWERply APP FR	

8. Vapor barrier options for use over **structural concrete deck** followed by adhered insulation carry the following Maximum Design Pressure (MDP) limitations. The lesser of the MDP listings below vs. those in **Table 4A** applies.

VAPOR BARRIER OPTIONS				
Primer	Vapor Barrier	Attach	Insulation Adhesive	Design Pressure
Tremco AVC Primer	Tremco AVC Membrane	Self-adhering	LRFIA, 12-inch o.c.	-60.0 psf
TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Supreme Composite Ply, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal/square	LRFIA(BG) or LRA, 12-inch o.c.	-180.0 psf
None	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Supreme Composite Ply, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal/square	LRFIA(BG) or LRA, 12-inch o.c.	-182.5 psf

VAPOR BARRIER OPTIONS				
Primer	Vapor Barrier	Attach	Insulation Adhesive	Deign Pressure
TREMprime WB Primer	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Supreme Composite Ply, BURmastic Composite Ply HT Green, BURmastic Composite Ply Premium Green	BURmastic Adhesive SF at 2 gal/square	LRFIA, 12-inch o.c.	-202.5 psf

**Limitations and Installation:** Installation must be in accordance with the following assemblies:

<b>TABLE 2A: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER</b>								
Assembly No.	Substrate	Slip Sheet	Insulation and/or Thermal Barrier	PowerFAST			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#1 (W-1)	Min. 15/32" Plywood	(Optional) UL Certified Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, BURmastic Adhesive SF, torched, heat welded sealed side laps	None	SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive)) sealed side laps
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-45.0		Preliminarily Attached						

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

<b>TABLE 2A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER</b>								
Assembly No.	Substrate	Slip Sheet	Insulation and/or Thermal Barrier	PowerFAST			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#2 (W-2)	Min. 15/32" Plywood	(Optional) UL Certified Type G2 base sheet (ASTM D4601, Type II), loose laid	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, torched, heat welded sealed side laps	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-45.0		Preliminarily Attached						

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

## Limitations and Installation (cont.):

TABLE 2A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#3 (W-3)	Min. 15/32" Plywood	One or more layers, any combination, preliminarily attached	(Optional) Min. 1" polyiso or mineral wool insulation board, min. 1/2" High Density Wood Fiberboard, 1/4" Gypsum-Based coverboard or min. 1/8" asphalt coverboard, preliminarily attached	POWERply HE Smooth	Trufast #14 HD or Tremco #14 HD with Trufast Recessed Batten Bars	6" o.c. within the 4" wide, torched, heat welded, BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive) sealed side laps	None	SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive)) sealed side laps
Design Pressure (psf)		Insulation Attachment						
-60.0		Preliminarily Attached						

## Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#4 (W-4)	Min. 15/32" Plywood	One or more layers, any combination, preliminarily attached	(Optional) Min. 1" polyiso or mineral wool insulation board, min. 1/2" High Density Wood Fiberboard, 1/4" Gypsum-Based coverboard or min. 1/8" asphalt coverboard, preliminarily attached	POWERply HE Smooth	Trufast #14 HD or Tremco #14 HD with Trufast Recessed Batten Bars	6" o.c. within the 4" wide, torched, heat welded, BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive) sealed side laps	(Optional) APP-TA	APP-TA
Design Pressure (psf)		Insulation Attachment						
-60.0		Preliminarily Attached						

## Footnote:

1. For roof cover installation, refer to Table 1 above.

TABLE 2B: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Slip Sheet	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#5 (W-5)	Min. 15/32" Plywood	(Optional) UL Certified Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, BURmastic Adhesive SF, torched, heat welded sealed side laps	None	SBS-CA1 ( <i>laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive)</i> ) sealed side laps
Design Pressure (psf)		Insulation Attachment					
-45.0		Preliminarily Attached					

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 2B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Slip Sheet	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#6 (W-6)	Min. 15/32" Plywood	(Optional) UL Certified Type G2 base sheet (ASTM D4601, Type II), loose laid	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, torched, heat welded sealed side laps	(Optional) APP-TA	APP-TA
Design Pressure (psf)		Insulation Attachment					
-45.0		Preliminarily Attached					

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 2B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER						
Assembly No.	Substrate	PowerFAST			Roof Cover <sup>1</sup>	
		Type	Fasteners	Spacing	Ply	Cap
#7 (W-7)	Min. 15/32" Plywood	POWERply HE Smooth	Trufast #14 HD or Tremco #14 HD with Trufast Recessed Batten Bars	6" o.c. within the 4" wide, torched, heat welded, BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive) sealed side laps	None	SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive)) sealed side laps
Design Pressure (psf)		Insulation Attachment				
-60.0		Preliminarily Attached				

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 2B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER WOOD DECK, NON-INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER						
Assembly No.	Substrate	PowerFAST			Roof Cover <sup>1</sup>	
		Type	Fasteners	Spacing	Ply	Cap
#8 (W-8)	Min. 15/32" Plywood	POWERply HE Smooth	Trufast #14 HD or Tremco #14 HD with Trufast Recessed Batten Bars	6" o.c. within the 4" wide, torched, heat welded, BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive) sealed side laps	(Optional) APP-TA	APP-TA
Design Pressure (psf)		Insulation Attachment				
-60.0		Preliminarily Attached				

**Footnote:**

For roof cover installation, refer to Table 1 above.

TABLE 3A: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#9 (SC-1)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5” Trisotech G, ACFoam-II	Note 6	1 per 2 ft²	Min. ¼” DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½” Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6” o.c.	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2	(Optional) BP-CA1, BP-CA2, SBS-CA1, SBS-CA2	BP-CA2, SBS-CA1, SBS-CA2
							BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	SBS-TA, APP-TA
Design Pressure (psf)		Top Insulation Attachment							
-45.0		FAS-N-FREE in continuous ¾” wide ribbons, 6” o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#10 (SC-2)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, AC Foam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2, SBS-TA, APP-TA
Design Pressure (psf)		Top Insulation Attachment							
-45.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#11 (SC-3)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2” Trisotech G, ACFoam-II	Note 6	1 per 2 ft²	Min. 1/4” DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 1/2” Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6” o.c.	BP-CA1, BP- CA2, SBS-CA2	(Optional) BP-CA1, BP- CA2, SBS-CA2	BP-CA2, SBS-CA2
							BP-CA2, SBS- CA2	(Optional) BP-CA2, SBS-CA2	SBS-TA, APP-TA
Design Pressure (psf)		Top Insulation Attachment							
-52.5		FAS-N-FREE in continuous 3/4” wide ribbons, 6” o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#12 (SC-4)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2” Trisotech G, ACFoam-II	Note 6	1 per 2 ft²	Min. 1/4” DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 1/2” Structodek High Density Fiberboard Roof Insulation, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 6” o.c.	BP-CA1, BP- CA2, SBS- CA2	(Optional) BP-CA1, BP-CA2, SBS-CA2	BP-CA2, SBS- CA2
							BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	SBS-TA, APP- TA
Design Pressure (psf)		Top Insulation Attachment							
-52.5		LRFIA, LRFIA(BG) or LRA in continuous 3/4” wide ribbons, 6” o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.



TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#13 (SC-5)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Trufast #15 EHD with Trufast 3" Metal Insulation Plates or Tremco #15 EHD with Tremco 3" Metal Insulation Plates	1 per 2 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1.0" Trisotech G, AC Foam-II <u>Coverboard</u> : Min. 1/2" Structodek High Density Fiberboard Roof Insulation, DenDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Additional Layers(s): LRFIA, LRFIA(BG) or LRA, 12" o.c. <u>Coverboard</u> : LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA1, SBS-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Top Insulation Attachment							
-60.0		LRFIA, LRFIA(BG) or LRA in continuous 3/4" wide ribbons, 6" o.c. for coverboard and 12" o.c. for additional insulation layer							

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#14 (SC-6)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Note 6	1 per 1 ft <sup>2</sup>	Min. 1/2" SECUROCK Gypsum-Fiber Roof Board	FAS-N-FREE, 6" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-TA, APP-TA
Design Pressure (psf)		Top Insulation Attachment							
-67.5		FAS-N-FREE in continuous 3/4" wide ribbons, 6" o.c.							

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#15 (SC-7)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 1 ft <sup>2</sup>	Min. ½" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-TA, APP-TA
Design Pressure (psf)		Top Insulation Attachment							
-67.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#16 (SC-8)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 1.45 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	SBS-CA2, SBS- AA SBS-CA2	(Optional) SBS- CA2, SBS-AA (Optional) SBS- CA2	SBS-AA SBS-TA, APP-TA
Design Pressure (psf)		Top Insulation Attachment							
-75.0		Hot Asphalt at full coverage 20-40 lbs/sq.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#17 (SC-9)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Trufast #15 EHD with Trufast 3" Metal Insulation Plates or Tremco #15 EHD with Tremco 3" Metal Insulation Plates	1 per 1.33 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1.0" Trisotech G, ACFoam-II Coverboard: Min. ½" SECUROCK Gypsum- Fiber Roof Board, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA1, SBS-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Top Insulation Attachment							
-112.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#18 (SC-10)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-AA, BP- SEBS, SBS- AA, SBS- SEBS	(Optional) BP-AA, BP- SEBS, SBS- AA, SBS- SEBS	BP-AA, SBS- AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-45.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#19 (SC-11)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-45.0		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#20 (SC-12)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-45.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote:**

- For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#21 (SC-13)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-52.5		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#22 (SC-14)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board, SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-52.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#23 (SC-15)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 2 ft <sup>2</sup>	Additional Insulation Layer(s): (Optional) Min. 1.0" Trisotech G, AC Foam-II <u>Coverboard:</u> Min. ½" Structodek High Density Fiberboard Roof Insulation, DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	Additional Layer(s): LRFIA, LRFIA(BG) or LRA, 12" o.c. <u>Coverboard:</u> LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	BP-AA, SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-60.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c. for coverboard and 12" o.c. for additional insulation layer							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#24 (SC-16)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Note 6	1 per 1 ft <sup>2</sup>	Min. ½" SECUROCK Gypsum-Fiber Roof Board	FAS-N-FREE, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-67.5		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#25 (SC-17)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 1 ft <sup>2</sup>	Min. ½" DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-67.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#26 (SC-18)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 2 ft <sup>2</sup>	Min. ½" Structodek High Density Fiberboard Roof Insulation	Hot asphalt	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	BP-AA, SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-67.5		Hot Asphalt at full coverage 20-40 lbs/sq.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#27 (SC-19)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2” Trisotech G, ACFoam-II	Note 6	1 per 1.45 ft <sup>2</sup>	Min. ¼” DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Hot asphalt	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP- SEBS, SBS- AA, SBS- SEBS	SBS-AA, SBS- SEBS
Design Pressure (psf)		Top Insulation Attachment							
-75.0		Hot Asphalt at full coverage 20-40 lbs/sq.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#28 (SC-20)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2” Trisotech G, ACFoam-II	Note 6	1 per 1.33 ft <sup>2</sup>	<u>Additional Insulation Layer(s)</u> : (Optional) Min. 1.0” Trisotech G, ACFoam-II <u>Coverboard</u> : Min. ½” SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 6” o.c.	BP-AA, BP- SEBS, SBS- AA, SBS- SEBS	(Optional) BP- AA, BP-SEBS, SBS-AA, SBS- SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Top Insulation Attachment							
-112.5		LRFIA, LRFIA(BG) or LRA in continuous ¾” wide ribbons, 6” o.c.							

**Footnote:**

1. For roof cover installation, refer to Table 1 above.



TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#29 (SC-21)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-45.0		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#30 (SC-22)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. ¼" DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or min. ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-45.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#31 (SC-23)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. 1/4" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. 1/2" Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-52.5		FAS-N-FREE in continuous 3/4" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#32 (SC-24)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 2 ft <sup>2</sup>	Min. 1/4" DensDeck Prime, DEXcell FA Glass Mat Roof Board or SECUROCK Gypsum-Fiber Roof Board or min. 1/2" SECUROCK Cement Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-52.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#33 (SC-25)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 2 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1.0" Trisotech G, ACFoam-II <u>Coverboard:</u> Min. ½" DensDeck Prime, DEXcell FA Glass Mat Roof Board, SECUROCK Gypsum-Fiber Roof Board or SECUROCK Cement Roof Board	<u>Additional Layer(s):</u> LRFIA, LRFIA(BG) or LRA, 12" o.c. <u>Coverboard:</u> LRFIA, LRFIA(BG) or LRA, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-60.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" or 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#34 (SC-26)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, ACFoam-II	Note 6	1 per 1 ft <sup>2</sup>	Min. ½" SECUROCK Gypsum-Fiber Roof Board	FAS-N-FREE, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-67.5		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#35 (SC-27)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Note 6	1 per 1 ft <sup>2</sup>	Min. ½" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-67.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#36 (SC-28)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Note 6	1 per 1.45 ft <sup>2</sup>	Min. ¼" DensDeck Prime or DEXcell FA Glass Mat Roof Board	Hot asphalt	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-75.0		Hot Asphalt at full coverage 20-40 lbs/sq.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED BASE INSULATION, BONDED TOP INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Base Insulation Layer			Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Fasteners	Attach	Type	Attach	Base	Ply	Cap
#37 (SC-29)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	Min. 2" Trisotech G, AC Foam-II	Trufast #15 EHD with Trufast 3" Metal Insulation Plates or Tremco #15 EHD with Tremco 3" Metal Insulation Plates	1 per 1.33 ft <sup>2</sup>	<u>Additional Insulation Layer(s):</u> (Optional) Min. 1.0" Trisotech G, AC Foam-II <u>Coverboard:</u> Min. ½" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)		Top Insulation Attachment							
-112.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#38 (SC-30)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5” Trisotech G, ACFoam-II, loose laid	Min. ½” DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 6	1 per 1.6 ft²	BP-CA2, BP-CA3, SBS-CA2, SBS-CA3	None	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2
						BP-CA2, SBS-CA2	None	SBS-TA, APP-TA
Design Pressure (psf)		Base Insulation Attachment						
-60.0		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#39 (SC-31)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5” Trisotech G, ACFoam-II, loose laid	Min. ½” DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3” Metal Insulation Plates or Tremco #14 HD with Tremco 3” Metal Insulation Plates	1 per 1.33 ft²	BP-CA2, BP-CA3, SBS- CA2, SBS-CA3	None	BP-CA2, SBS-CA2
						BP-CA2, SBS-CA2	None	SBS-TA, APP-TA
Design Pressure (psf)		Base Insulation Attachment						
-112.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#40 (SC-32)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, AC Foam-II, loose laid	Min. ½" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 6	1 per 1.6 ft <sup>2</sup>	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Base Insulation Attachment						
-60.0		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#41 (SC-33)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1.33 ft <sup>2</sup>	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Base Insulation Attachment						
-112.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#42 (SC-34)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1 ft <sup>2</sup>	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Base Insulation Attachment						
-157.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#43 (SC-35)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1.33 ft <sup>2</sup>	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
Design Pressure (psf)		Base Insulation Attachment						
-157.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#44 (SC-36)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1 ft <sup>2</sup>	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	SBS-AA, SBS-SEBS
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-172.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#45 (SC-37)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Note 6	1 per 1.6 ft <sup>2</sup>	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-60.0		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#46 (SC-38)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1.33 ft <sup>2</sup>	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-112.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

**TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#47 (SC-39)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1.1 ft <sup>2</sup>	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-157.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

**TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#48 (SC-40)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1.33 ft <sup>2</sup>	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-157.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

**TABLE 3B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER  
STEEL OR CONCRETE DECK, MECHANICALLY ATTACHED INSULATION, BONDED ROOF COVER**

Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer			Roof Cover <sup>1</sup>		
			Type	Fasteners	Attach	Base	Ply	Cap
#49 (SC-41)	Min. 22 ga., Type B, Grade 33 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. ½" SECUROCK Gypsum-Fiber Roof Board	Trufast #14 HD with Trufast 3" Metal Insulation Plates or Tremco #14 HD with Tremco 3" Metal Insulation Plates	1 per 1 ft <sup>2</sup>	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-172.5		Loose Laid						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3C: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer	Base Sheet			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#50 (SC-42)	Min. 22 ga., Type B, Grade 80 Steel or Structural Concrete	Min. 2.0" Trisotech G, ACFoam-II, loose laid	Min. 7/16" Oriented Strand Board, loose laid	BURmastic Composite Ply Supreme	Tremco #1410 Fasteners with Tremco Disc Ribbed 3" Steel Stress Plates or OMG #14 Heavy Duty with OMG 3" Ribbed Galvalume Plates	6" o.c. at the min. 4" wide laps and 6" o.c. at two equally spaced center rows	SBS-CA2	SBS-CA2
Design Pressure (psf)		Base Insulation Attachment						
-112.5		Preliminarily Attached						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3C (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL OR CONCRETE DECK, INSULATED, MECHANICALLY ATTACHED BASE SHEET, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer	Base Sheet			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#51 (SC-43)	Min. 22 ga., Type B, Grade 80 Steel or Structural Concrete	Min. 1.5" Trisotech G, ACFoam-II, loose laid	Min. 1/2" SECUROCK Gypsum-Fiber Roof Board, loose laid	POWERply Supreme Smooth	Tremco #1410 Fasteners with Tremco Disc Ribbed 3" Steel Stress Plates or OMG #14 Heavy Duty with OMG 3" Ribbed Galvalume Plates	6" o.c. at the min. 4" wide laps and 6" o.c. at two equally spaced center rows	SBS-CA2	SBS-CA2
Design Pressure (psf)		Base Insulation Attachment						
-157.5		Preliminarily Attached						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#52 (S-1)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Dekfast 15, OMG #15 Roofgrip fasteners, Trufast #15 EHD or Tremco #15 EHD with SFS Galvalume Steel Round 2" 22 ga. Barbed Plates, OMG 2" Barbed Plates, Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, BURmastic Adhesive SF sealed side laps	None	SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF)
Design Pressure (psf)		Base Insulation Attachment					
-45.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.



TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#53 (S-2)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2.4" Barbed Metal Seam Plates or Tremco 2.4" Barbed Seam Plates	12" o.c. within the 5" wide, BURmastic Adhesive SF sealed side laps	None	SBS-CA1 (laps hot air welded or sealed with BURmastic Adhesive SF)
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>					
-52.5		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Insulation and/or Thermal Barrier	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#54 (S-3)	Min. 22 ga., Type B, Grade 40 Steel or Structural Concrete	(Optional) One or more layers, any combination, preliminarily attached	POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2.4" Scoop Seam Plates, Trufast 2.4" Barbed Metal Seam Plate, Tremco 2.4" Barbed Seam Plates, Trufast Flat Batten Bars or Trufast Recessed Batten Bars	12" o.c. within the 4" wide, heat-welded side laps	None	SBS-CA1 (laps hot air welded)
<b>Design Pressure (psf)</b>		<b>Insulation and/or Thermal Barrier Attachment</b>					
-60.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Insulation and/or Thermal Barrier	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#55 (S-4)	Min. 22 ga., Type B, Grade 40 Steel	(Optional) One or more layers, any combination, preliminarily attached	POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2" Barbed Metal Seam Plates, Tremco 2" Barbed Seam Plates, Trufast 2.4" Scoop Seam Plates, Trufast 2.4" Barbed Metal Seam Plates or Tremco 2.4" Barbed Seam Plates	24" o.c. within the min. 4" wide, torched side laps	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation and/or Thermal Barrier Attachment</b>					
-45.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#56 (S-5)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply Plus HT Smooth or POWERply 300 Smooth	Dekfast 14, Dekfast 15, #15 Roofgrip, Trufast #14 HD, Trufast #15 EHD, Tremco #14 HD or Tremco #15 EHD with SFS Galvalume Steel Round 2" 22 ga. Barbed Plates, OMG 2 in. Barbed Plates, Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, heat-welded side laps	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>					
-45.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#57 (S-6)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	18" o.c. within the 4" wide, Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive) sealed side laps	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>					
-45.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#58 (S-7)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2.4" Barbed Metal Seam Plates or Tremco 2.4" Barbed Seam Plates	12" o.c. within the 5" wide, BURmastic Adhesive SF sealed side laps	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>					
-52.5		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#59 (S-8)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Dekfast 15, Trufast #15 EHD or Tremco #15 EHD with SFS Galvalume Steel Round 2" 22 ga. Barbed Plates, Trufast 2" Barbed Metal Seam Plates or Tremco 2" Barbed Seam Plates	6" o.c. within the 4" wide, heat-welded or BURmastic Adhesive SF sealed side laps	(Optional) APP-TA	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>					
-75.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer	Top Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
				Type	Fasteners	Spacing	Ply	Cap
#60 (S-9)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	Min. 1” polyiso or mineral wool insulation board or min. ½” High Density Wood Fiberboard or ¼” Gypsum based coverboard or min. 1/8” asphalt coverboard	POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast 2.4” Barbed Metal Seam Plates or Tremco 2.4” Barbed Seam Plates	6” o.c. within the min. 5” wide, torched side laps	(Optional) SBS-TA	POWERply Standard FR HW, POWERply Standard FR GT24 HW, torch-applied
Design Pressure (psf)		Top Insulation Attachment						
-150.0		Preliminarily Attached with Trufast #12 DP Fasteners and Trufast 3” Metal Insulation Plates at 1 per 8ft <sup>2</sup> [4 per 4x8 ft board]						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER							
Assembly No.	Substrate	Base Insulation Layer	PowerFAST			Roof Cover <sup>1</sup>	
			Type	Fasteners	Spacing	Ply	Cap
#61 (S-10)	Min. 22 ga., Type B, Grade 40 Steel	One or more layers, any combination, preliminarily attached	POWERply 300 Smooth or POWERply HE Smooth	Trufast #15 EHD or Tremco #15 EHD with Trufast Recessed Batten Bars	6" o.c. within the 4" wide, heat-welded or BURmastic Adhesive SF sealed side laps	None	SBS-CA1 (laps sealed with BURmastic Adhesive SF or Tremco LF Adhesive (aka, POWERply 2K Lap Adhesive)) sealed side laps
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>					
-75.0		Preliminarily Attached					

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 3D (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION, REROOF (TEAR-OFF) OR RECOVER STEEL DECK, INSULATED, MECHANICALLY ATTACHED POWERFAST, BONDED ROOF COVER								
Assembly No.	Substrate	Insulation and/or Thermal Barrier	PowerFAST			Roof Cover <sup>1</sup>		
			Type	Fasteners	Spacing	Base	Ply	Cap
#62 (S-11)	Min. 22 ga., Type B, Grade 40 Steel	(Optional for recover) One or more layers, any combination, preliminarily attached	POWERply Plus HT Smooth or POWERply 300 Smooth	Dekfast #15, Trufast #15 EHD or Tremco #15 EHD with Trufast Recessed Batten Bars	6" o.c. within the 4" wide, heat-welded side laps	(Optional) APP-TA	None	APP-TA
<b>Design Pressure (psf)</b>		<b>Base Insulation Attachment</b>						
-97.5		Preliminarily Attached						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#63 (C-1)	Structural Concrete	TREMprime WB	Min. 1.5" Trisotech G, ACFoam-II, ENRGY 3	FAS-N-FREE, 6" o.c.	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board	FAS-N-FREE, 6" o.c.	BP-CA1, SBS-CA1	(Optional) BP-CA1, SBS-CA1	BP-CA1, SBS-CA1
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-60.0		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#64 (C-2)	Structural Concrete	None	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" DensDeck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA1, SBS-CA1	(Optional) BP-CA1, SBS-CA1	BP-CA1, SBS-CA1
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-60.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#65 (C-3)	Structural Concrete	None	Min. ½” Trisotech G, AC Foam-II, AC Foam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12” o.c.	Min. ½” Structodek High Density Fiberboard Roof Insulation	LRFIA(BG) or LRA, 12” o.c.	BP-CA2, BP-CA3, SBS-CA2, SBSCA3	(Optional) BP-CA1, BPCA2, SBS-CA1, SBS-CA2	BP-CA1, BPCA2, SBS-CA1, SBS-CA2
							BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	SBS-TA, APP-TA
Design Pressure (psf)		Insulation Attachment							
-180		LRFIA, LRFIA(BG) or LRA in continuous ¾” wide ribbons, 12” o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#66 (C-4)	Structural Concrete	TreMprime WB	Min. 1.5” Trisotech G, AC Foam-II	FAS-N-FREE, 6” o.c.	Min. ½” Structodek High Density Fiberboard Roof insulation	FAS-N-FREE 6” o.c.	BP-CA1, BP-CA2, BP-CA3, SBS-CA1, SBS-CA2, SBS-CA3	(Optional) BP-CA1, BP-CA2, SBS-CA1, SBS-CA2	BP-CA1, BPCA2, SBS-CA1, SBS-CA2
							BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	APP-TA, SBS-TA
Design Pressure (psf)		Insulation Attachment							
-180.0		FAS-N-FREE in continuous ¾” wide ribbons, 6” o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#67 (C-5)	Structural Concrete	None	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA3, SBS-CA3	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2
Design Pressure (psf)			Insulation Attachment						
-180.0			LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#68 (C-6)	Structural concrete	TREMprime WB	Min 1" Triotech G, AC Foam-II	FAS-N-FREE 6" o.c.	Min ¼" Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	FAS-N-FREE 6" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2, APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-232.5		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#69 (C-7)	Structural concrete	None	Min. 1.5" Trisotech G, AC Foam-II, AC Foam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c	Min ½" Dens Deck Prime	LRFIA, LRFIA(BG) or LRA, 12" o.c	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2, APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-262.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#70 (C-8)	Structural concrete	None	Min. 1.5" Trisotech G, AC Foam-II, AC Foam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c	Min ½" SECUROCK Cement Roof Boards	LRFIA, LRFIA(BG) or LRA, 12" o.c	BP-CA3, SBS-CA3	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-262.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#71 (C-9)	Structural concrete	TREMprime WB	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c	Min ¼" SECURROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2, APP-TA, SBS-TA
Design Pressure (psf)			Insulation Attachment						
-285.0			LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#72 (C-10)	Structural concrete	None	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c	Min ½" Structodek High Density Fiberboard Roof Insulation	LRFIA(BG) or LRA, 12" o.c	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	BP-AA, SBS-AA, SBS-SEBS
Design Pressure (psf)			Insulation Attachment						
-180.0			LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#73 (C-11)	Structural concrete	TREMprime WB	Min. 1.5" Trisotech G, ACFoam-II	FAS-N-FREE, 6" o.c.	Min ½" Structodek High Density Fiberboard Roof Insulation	FAS-N-FREE, 6" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	BP-AA, SBS-AA, SBS-SEBS
Design Pressure (psf)			Insulation Attachment						
-180.0			FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#74 (C-12)	Structural concrete	None	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min ¼" SECUROCK Gypsum-Fiber Roof Board or min. ½" SECUROCK Cement Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	BP-AA, SBS-AA
<b>Design Pressure (psf)</b>			<b>Insulation Attachment</b>						
-180.0			LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#75 (C-13)	Structural concrete	TREMprime WB	Min. 1" Trisotech G, ACFoam-II	Fas-N-Free, 6" o.c.	Min ¼" Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	Fas-N-Free, 6" o.c.	BP-SEBS, SBSSEBS	(Optional) BP-SEBS, SBSSEBS	SBS-SEBS
<b>Design Pressure (psf)</b>			<b>Insulation Attachment</b>						
-232.5			FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#76 (C-14)	Structural concrete	None	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" Dens Deck Prime	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS
<b>Design Pressure (psf)</b>			<b>Insulation Attachment</b>						
-262.5			LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.



TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#77 (C-15)	Structural concrete	TREMprime WB	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RISISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECURUCK Gypsum-Fiber Roof Board or ½" SECURUCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	SBS-SEBS
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-285.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#78 (C-16)	Structural concrete	(Optional) TREMprime WB	Min. 1.5" Trisotech G, ACFoam-II	FAS-N-FREE, 6" o.c.	Min. ½" SECURUCK Gypsum-Fiber Roof Board	FAS-N-FREE, 6" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-180.0		FAS-N-FREE in continuous ¾" wide ribbons, 6" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#79 (C-17)	Structural concrete	None	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" SECURUCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, BONDED INSULATION, BONDED ROOF COVER, FOR VAPOR BARRIER OPTIONS REFER TO NOTE 9									
Assembly No.	Substrate	Prime	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#80 (C-18)	Structural concrete	None	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
Design Pressure (psf)			Insulation Attachment						
-262.5			LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4B TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER					
Assembly No.	Substrate	Prime	Roof Cover <sup>1</sup>		
			Base Ply	Ply	Cap Ply
#81 (C-19)	Structural concrete	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment			
-255		N/A			

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4B (CONTINUED) TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER					
Assembly No.	Substrate	Prime	Roof Cover <sup>1</sup>		
			Base Ply	Ply	Cap Ply
#82 (C-20)	Structural concrete	ASTM D41	APP-TA	(Optional) APP-TA	APP-TA
Design Pressure (psf)		Insulation Attachment			
-465.0		N/A			

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 4B (CONTINUED) TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) CONCRETE DECK, NON-INSULATED, BONDED ROOF COVER					
Assembly No.	Substrate	Prime	Roof Cover <sup>1</sup>		
			Base Ply	Ply	Cap Ply
#83 (C-21)	Structural concrete	TREMprime WB	THERMglas Type IV, THERMglas Type VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, POWERply SBS Base HW with BURmastic Adhesive SF at full-coverage, 2.0 gal./sq.	(Optional) THERMglas Type IV, THERMglas Type VI, BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme, POWERply SBS Base HW with BURmastic Adhesive SF at full-coverage, 2.0 gal./sq.	BP-CA-2, SBS-CA2, APP-TA, SBS-TA
Design Pressure (psf)		Insulation Attachment			
-495.0		N/A			

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5A: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, LWC TO DECK, BONDED ROOF COVER								
Assembly No.	Substrate	LWC				Roof Cover <sup>1</sup>		
		Substrate Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply
#84 (LWC-1)	22 ga., type BV, Grade 40 steel; 5' spans; 5/8" puddle welds, 6" o.c.	Celcore S-1 Deck Preparation Slurry	Min. 440 psi, min. 2" thick, Celcore MF Cellular Concrete with Celcore HS Rheology Modifying Admixture	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment						
-97.5		N/A						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, LWC TO DECK, BONDED ROOF COVER								
Assembly No.	Substrate	LWC				Roof Cover <sup>1</sup>		
		Substrate Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply
#85 (LWC-2)	Structural concrete	(Optional) Celcore S-1 Deck Preparation Slurry	Min. 390 psi, min. 2" thick, Celcore Cellular Concrete	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment						
-102.5		N/A						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)								
LIGHTWEIGHT CONCRETE DECK, LWC TO DECK, BONDED ROOF COVER								
Assembly No.	Substrate	LWC				Roof Cover <sup>1</sup>		
		Substrate Treatment	Type	Sealer	Surfacing	Base Ply	Ply	Cap Ply
#86 (LWC-3)	Tectum Plank	None	Min. 390 psi, min. 2" thick, Celcore Cellular Concrete	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment						
-102.5		N/A						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5B: TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)									
LIGHTWEIGHT CONCRETE DECK, TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, BONDED ROOF COVER									
Assembly No.	Substrate	Temp Roof / Vapor Barrier	LWC				Roof Cover <sup>1</sup>		
			Surface Treatment	Type	Sealer	Surfacing	Base	Ply	Cap Ply
#87 (LWC-4)	Structural concrete TREMprime WB Primer	BP-CA2 or BP-CA-4, ribbons 12" o.c.	(Optional) Celcore S-1 Deck Preparation Slurry	Min 390 psi, min. 2" thick, Celcore Cellular Concrete	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment							
-102.5		N/A							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF)									
LIGHTWEIGHT CONCRETE DECK, TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, BONDED ROOF COVER									
Assembly No.	Substrate	Temp Roof / Vapor Barrier	LWC				Roof Cover <sup>1</sup>		
			Surface Treatment	Type	Sealer	Surfacing	Base	Ply	Cap Ply
#88 (LWC-5)	Structural concrete ASTM D41 Primer	POWERply SBS Base HW, torch-applied	(Optional) Celcore S-1 Deck Preparation Slurry	Min 390 psi, min. 2" thick, Celcore Cellular Concrete	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment							
-102.5		N/A							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, BONDED ROOF COVER									
Assembly No.	Substrate	Temp Roof / Vapor Barrier	LWC				Roof Cover <sup>1</sup>		
			Surface Treatment	Type	Sealer	Surfacing	Base	Ply	Cap Ply
#89 (LWC-6)	Structural concrete ASTM D41 Primer	POWERply APP Base Sheet, torch-applied	Celcore S-1 Deck Preparation Slurry	Min 390 psi, min. 2" thick, Celcore Cellular Concrete	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment							
-102.5		N/A							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 5B (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION OR REROOF (TEAR-OFF) LIGHTWEIGHT CONCRETE DECK, TEMPORARY ROOF TO DECK, LWC TO TEMPORARY ROOF, BONDED ROOF COVER									
Assembly No.	Substrate	Temp Roof / Vapor Barrier	LWC				Roof Cover <sup>1</sup>		
			Surface Treatment	Type	Sealer	Surfacing	Base	Ply	Cap Ply
#90 (LWC-7)	Tectum Plank	BP-CA4, ribbons 9' o.c.	(Optional) Celcore S-1 Deck Preparation Slurry	Min 390 psi, min. 2" thick, Celcore Cellular Concrete	Celcore PVA Curing Compound	None	BP-CA1, SBS-CA1	(Optional) BP-CA1	BP-CA1, SBS-CA1
Design Pressure (psf)		Insulation Attachment							
-102.5		N/A							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#91 (G-1)	Aged gypsum or gypsum plank	Min. 1.5” Trisotech G, ACfoam-II	LRFIA, 12” o.c.	Min. ¼” Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½” SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12” o.c.	BP-CA1, SBS-CA1	(Optional) BP-CA1, SBS-CA1	BP-CA1, SBS-CA1
		Min. 1.5” ACfoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12” o.c.					
Design Pressure (psf)		Insulation Attachment						
-45.0		LRFIA, LRFIA(BG) or LRA in continuous ¾” wide ribbons, 12” o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#92 (G-2)	Aged gypsum or gypsum plank	Min. 2” Trisotech G, AC Foam-II, AC Foam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12” o.c.	Min. ½” Structodek High Density Fiberboard Roof Insulation	LRFIA(BG) or LRA, 12” o.c.	BP-CA2, BP-CA3, SBS-CA2, SBS-CA3	(Optional) BP-CA1, BP-CA2, SBS-CA1, SBC-CA2	BP-CA1, BP-CA2, SBS-CA1, SBC-CA2
						BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	APP-TA, SBS-TA
Design Pressure (psf)		Insulation Attachment						
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾” wide ribbons, 12” o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#93 (G-3)	Aged gypsum or gypsum plank	Min. 2" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA3, SBS-CA3	(Optional) BP-CA2, SBC-CA2	BP-CA2, SBC-CA2
Design Pressure (psf)		Insulation Attachment						
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#94 (G-4)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBC-CA2	BP-CA2, SBS-CA2, APP-TA, SBS-TA
Design Pressure (psf)		Insulation Attachment						
-202.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#95 (G-5)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA3, SBS-CA3	(Optional) BP-CA2, SBC-CA2	BP-CA2, SBC-CA2
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-202.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#96 (G-6)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" Stuctodek HD Fiberboard Roof Insulation	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-AA, BPSEBS, SBS-AA, SBS-SEBS	(Optional) BP-AA, BPSEBS, SBS-AA, SBSSEBS	BP-AA, SBSAA, SBS-SEBS
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-180		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#97 (G-7)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Gypsum-Fiber Roof Board or min. ½" SECUROCK Cement Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	BP-AA, SBS-AA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTIONS GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#98 (G-8)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#99 (G-9)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6A (CONTINUED): TREMCO MODIFIED BITUMEN – NEW CONSTRUCTION GYPSUM DECK, BONDED INSULATION, BONDED ROOF COVER								
Assembly No.	Substrate	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
		Type	Attach	Type	Attach	Base	Ply	Cap
#100 (G-10)	Aged gypsum or gypsum plank	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>						
-202.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.						

**Footnote 1:** For roof cover installation, refer to Table 1 above.



TABLE 6B TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF)									
GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#101 (G-11)	Aged gypsum or gypsum plank	BP-CA2	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or min. ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA1, SBS-CA1	(Optional) BP-CA1, SBS-CA1	BP-CA1, SBS-CA1
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-45.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF)									
GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#102 (G-12)	Aged gypsum or gypsum plank	BP-CA2	Min. 2" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" Structodek High Density Fiberboard Roof Insulation	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA2, BPCA3, SBS-CA2, SBS-CA3	(Optional) BP-CA1, BP-CA2, SBS-CA1, SBS-CA2	BP-CA1, BP-CA2, SBS-CA1, SBS-CA2
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF)									
GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#103 (G-13)	Aged gypsum or gypsum plank	BP-CA2	Min. 1.5" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA3, SBS-CA3	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#104 (G-14)	Aged gypsum or gypsum plank	BURmastic Composite Ply HT, BURmastic Composite Ply Premium, BURmastic Composite Ply Supreme or SBS-CA2	Min. 2 Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Gypsum-Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA2, SBS-CA2	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2
Design Pressure (psf)		Insulation Attachment							
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#105 (G-15)	Aged gypsum or gypsum plank	BURmastic Composite Ply HT, Composite Ply Premium, Composite Ply Supreme or SBS-CA2BP-CA2	Min. 2" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-CA3, SBS-CA3	(Optional) BP-CA2, SBS-CA2	BP-CA2, SBS-CA2
Design Pressure (psf)		Insulation Attachment							
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#106 (G-16)	Aged gypsum or gypsum plank	BP-CA2	Min. 2" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" Structodek High Density Fiberboard Roof Insulation	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	(Optional), BP-AA, BP-SEBS, SBS-AA, SBS-SEBS	BP-AA, SBSAA, SBS-SEBS
Design Pressure (psf)		Insulation Attachment							
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#107 (G-17)	Aged gypsum or gypsum plank	BP-CA2	Min. 2" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Gypsum Fiber Roof Board or min. ½" SECUROCK Cement Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-AA, SBS-AA	(Optional) BP-AA, SBS-AA	BP-AA, SBS-AA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#108 (G-18)	Aged gypsum or gypsum plank	BP-CA2	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" Dens Deck Prime or SECUROCK Gypsum-Fiber Roof Board or ½" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	BP-SEBS, SBS-SEBS	(Optional) BP-SEBS, SBS-SEBS	BP-SEBS, SBS-SEBS
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#109 (G-19)	Aged gypsum or gypsum plank	BP-CA2	Min. ½" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ½" SECUROCK Gypsum Fiber Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-180.0		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

TABLE 6B (CONTINUED): TREMCO MODIFIED BITUMEN – REROOF (TEAR-OFF) GYPSUM DECK, BONDED TEMPORARY ROOF, BONDED INSULATION, BONDED ROOF COVER									
Assembly No.	Substrate	Vapor Barrier	Base Insulation Layer		Top Insulation Layer		Roof Cover <sup>1</sup>		
			Type	Attach	Type	Attach	Base	Ply	Cap
#110 (G-20)	Aged gypsum or gypsum plank	BP-CA2	Min. 2" Trisotech G, ACFoam-II, ACFoam-III, ENRGY 3, RESISTA	LRFIA, LRFIA(BG) or LRA, 12" o.c.	Min. ¼" SECUROCK Cement Roof Board	LRFIA, LRFIA(BG) or LRA, 12" o.c.	APP-TA, SBS-TA	(Optional) APP-TA, SBS-TA	APP-TA, SBS-TA
<b>Design Pressure (psf)</b>		<b>Insulation Attachment</b>							
-182.5		LRFIA, LRFIA(BG) or LRA in continuous ¾" wide ribbons, 12" o.c.							

**Footnote 1:** For roof cover installation, refer to Table 1 above.

**Note:** Keep the manufacturer's installation instructions at the job site during the installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.